

**IN THE SPECIFICATION**

Please amend the specification as follows.

Please amend the paragraph beginning at line 1, page 23, as follows:

The reactive oxygen species produced by antibodies and neutrophils can be detected with chemical probes. Chemical probes for reactive oxygen species include any natural or synthetic compound that contains an alkene that can be oxidized and that generates a detectable oxidation product. Examples of chemical probes for reactive oxygen species include 3-vinyl-benzoic acid, 4-vinyl-benzoic acid, indigo carmine, stilbene, cholesterol and the like. Upon oxidation of such chemical probes, ~~generate~~ oxidation products such as ketones, aldehydes, ethers and related products are generated.